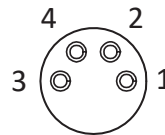


ARTICLE PROPERTIES

ARTICLE NUMBER	CO8.4-X.YY*
SHAPE TYPE 1	Female, M8, straight
SHAPE TYPE 2	single-ended
NUMBER OF PINS	4
INTERFACE TYPE	A



MECHANICAL DATA

LOCKING	union nut, SW9, vibration lock
MATERIAL LOCKING	Zinc die casting, nickel plated
TIGHTENING TORQUE	0.4 Nm
LOCKING	
MATERIAL GRIP	PUR
SYSTEM	moulded

ELECTRICAL DATA

OPERATING VOLTAGE	30 V DC / 30 V AC
RATED CURRENT	4.0 A
INSULATION RESISTOR	> 100 MΩ
POLLUTION DEGREE	3

ENVIRONMENTAL CONDITIONS

PROTECTION CLASS	IP67 inserted and tightened
AMBIENT TEMPERATURE	-30 ... +90 °C (depending on cable)

STANDARDS AND DIRECTIVES

CIRCULAR CONNECTORS	SPECIFICATION FOR M8 CONNECTORS WITH SCREW-LOCKING
	IEC 61076-2-104

APPROVALS



GENERAL CABLE PROPERTIES

- CABLE CONSTRUCTION (ONLY FOR PUR PRODUCT)** according to UL-AWM Style 20549
- THERMAL RESISTANCE (ONLY FOR PUR PRODUCT)** according to UL FT2
- PROTECTION CLASS** according to IEC 60529 or ISO 20653, only when screwed together with the corresponding counterpart

CABLE LENGTHS X

All cable lengths are available on request.

EXAMPLE:

cable lengths 0.5 m -> CO8.4-**0.5**

cable lengths 10 m -> CO8.4-**10**

TOLERANCE CABLE LENGTHS

0 m < X ≤ 1.0 m +0.05 m

1.0 m < X ≤ 5.0 m +0.1 m

5.0 m < X +0.15 m

CABLE VARIANTS AND ASSIGNMENT OF WIRE INSULATION COLOR

Article number cable .YY	Article number suffix *	Material jacket	Color jacket	Wire insulation	Wire cross-section	Cable-jacket-Ø	Temperature range	Bending cycles	Torsion	Pin variant
		PVC	grey	PVC	4 x 0.25 mm ² (A)	4.1±0.2 mm	-40 ... +105 °C	no	no	1
	/P	PUR	grey	PP	4 x 0.25 mm ² (A)	4.1±0.2 mm	-40 ... +80 °C	≥ 5 Million	max. 2 Mio. (C)	1
.31		PVC	grey	PVC	4 x 0.34 mm ² (B)	4.5±0.2 mm	-40 ... +105 °C	no	no	1
	/P	PUR	grey	PP	4 x 0.34 mm ² (B)	4.5±0.2 mm	-40 ... +80 °C	≥ 5 Million	max. 2 Mio. (C)	1
.22		PVC	black	PVC	4 x 0.25 mm ² (A)	4.1±0.2 mm	-40 ... +105 °C	no	no	1
	/P	PUR	black	PP	4 x 0.25 mm ² (A)	4.1±0.2 mm	-40 ... +80 °C	≥ 5 Million	max. 2 Mio. (C)	1
.23		PVC	yellow	PVC	4 x 0.25 mm ² (A)	4.1±0.2 mm	-40 ... +105 °C	no	no	1
	/P	PUR	yellow	PP	4 x 0.25 mm ² (A)	4.1±0.2 mm	-40 ... +80 °C	≥ 5 Million	max. 2 Mio. (C)	1
.32		PVC	black	PVC	4 x 0.34 mm ² (B)	4.5±0.2 mm	-40 ... +105 °C	no	no	1
	/P	PUR	black	PP	4 x 0.34 mm ² (B)	4.5±0.2 mm	-40 ... +80 °C	≥ 5 Million	max. 2 Mio. (C)	1

CABLE VARIANTS AND ASSIGNMENT OF WIRE INSULATION COLOR

Article number cable .YY	Article number suffix *	Material jacket	Color jacket	Wire insulation	Wire cross-section	Cable-jacket-Ø	Temperature range	Bending cycles	Torsion	Pin variant
.33		PVC	yellow	PVC	4 x 0.34 mm ² (B)	4.5±0.2 mm	-40 ... +105 °C	no	no	1
	/P	PUR	yellow	PP	4 x 0.34 mm ² (B)	4.5±0.2 mm	-40 ... +80 °C	≥ 5 Million	max. 2 Mio. (C)	1

(A) similar to AWG 24 (B) similar to AWG 22 (C) Frequency: 3 times/min., no lifting, ±180°

	Pin variant	Pin 1	Pin 2	Pin 3	Pin 4
	1	brown	white	blue	black

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